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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 15115/147001 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/519762
INTERNATIONAL APPLICATION NO. PCT/JP03/08188	INTERNATIONAL FILING DATE 27 June 2003	PRIORITY DATE CLAIMED 12 July 2002
TITLE OF INVENTION VARIABLE OPTICAL ATTENUATOR		
APPLICANT(S) FOR DO/EO/US Kiyoshi Imai et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). - UNSIGNED 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard; International Search Report; Form PCT/IB/308		

 22511
 PATENT TRADEMARK OFFICE

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U.S. APPLICATION NO. 10/519762		INTERNATIONAL APPLICATION NO. PCT/JP03/08188		ATTORNEY'S DOCKET NUMBER 15115/147001	
21. The following fees are submitted:					
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	\$	300.00	
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$	200.00	
<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$	500.00	
TOTAL OF ABOVE CALCULATIONS =			\$	1,000.00	
<input checked="" type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
131 - 100 =	31 /50 =	1	x \$250.00		
				250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).			\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	9 - 20 =		x	\$	0.00
Independent claims	1 - 3 =		x	\$	0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
TOTAL OF ABOVE CALCULATIONS =			\$	1,250.00	
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
SUBTOTAL =			\$	1,250.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			+	\$	
TOTAL NATIONAL FEE =			\$	1,250.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+	\$	
TOTAL FEES ENCLOSED =			\$	1,250.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0591</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
				SIGNATURE:	Jonathan P. Osha
				NAME	
CUSTOMER NUMBER: 22511				33,986	
				REGISTRATION NUMBER	

U/519762

DT12 Rec'd PCT/PTO 29 DEC 2004

PTO/SB/17 (12-04)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2005</h3>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
		Not Yet Assigned	
		Filing Date	
		Concurrently Herewith	
		First Named Inventor	
		Kiyoshi Imai	
		Examiner Name	
		Not Yet Assigned	
		Art Unit	
		N/A	
TOTAL AMOUNT OF PAYMENT		(\$)	1,250.00
		Attorney Docket No.	15115/147001

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>50-0591</u> Deposit Account Name: <u>Osha & May L.L.P.</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		Small Entity		Small Entity		Small Entity	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
						Small Entity	
Fee Description						Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent						50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent						200	100
Multiple dependent claims						360	180
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims		
<u>9</u>		<u>- 20 =</u>	<u>x</u>	<u></u>	Fee (\$)		Fee Paid (\$)
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)			
<u>1</u>		<u>- 3 =</u>	<u>x</u>	<u></u>			
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof			Fee (\$)	Fee Paid (\$)	
<u>131</u>	<u>- 100 = 31</u>	<u>/50 1</u> (round up to a whole number) x			<u></u>	<u></u>	
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other: 1631 Basic National Stage fee						300.00	
1632 National Stage search fee						500.00	
1633 National Stage examination fee						200.00	
1681 National Stage application size fee - for each additional 50 sheets ...						250.00	

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	33,986
Name (Print/Type)	Jonathan P. Osha	Telephone	(713) 228-8600
		Date	December 29, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV576720482US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: December 29, 2004	Signature: (Toni A. Hill)

22511
PATENT TRADEMARK OFFICE

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 15115/147001

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on 29 December 2004
Date



Signature

Toni A. Hill

Typed or printed name of person signing Certificate

Registration Number, if applicable713-228-8600
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (2 pages)
Return Receipt Postcard; International Search Report; Form PCT/IB/308
English language translation of the International application (76 pages)
9 total claims - 1 independent claim
Formal Drawings (55 sheets)
Oath or declaration of the inventor(s)
Information Disclosure Statement (6 references)
Second copy of published International Application
Transmittal Letter to the United States Designated-Elected Office
Payment by credit card. Form PTO-2038 is attached
Charge \$1,250.00 to credit card

10/519762

DT12 PCT/PTO 29 DEC 2004

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on December 29, 2004
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Signature

Toni A. Hill

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IDS (Citation) by Applicant (6 References) (1 page)

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each submitted paper.

Bilingual Declaration (Japanese/English) (4 pages)